



FIGURE 10A - ENGINE MOUNT AND COWLING
Used On Serial Numbered Planes 2000 And Subsequent

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	1700-20	145-31501-201					Cowling Assy - Removable Hinged LH	1	Model B
	1701-30	145-31501-202					Cowling Assy - Removable Hinged RH	1	Model B
2		AN394-37					Pin - Flat Head 1/4	3	
3		AN960-416L					Washer - Plain	3	
4		AN380-2-2					Pin - Cotter	3	
5	1739	145-31501-136					Scoop - Cabin Air Inlet (RH Only)	1	
6	9354	FA6-1/2-55					Stud	3	
	9355	GF6-1/2-250					Grommet	3	
7	1702	145-31501-4					Beam Assy - Engine Cowl	1	
8		AN3-4A					Bolt - Aircraft 10-32	4	
9	1703	145-31501-63					Bracket - Engine Cowl Beam Hinge	3	
10	1710-20	145-31501-200					Nose Cowl Assy - Engine (Includes Prop Air Seal)	1	Model B
11		AN3-4A					Bolt - Aircraft 10-32	4	
12		AN960-A10					Washer - Plain	8	
13		AN365-1032					Nut - Self Locking	4	
14	1711	145-31501-42					Angle - Nose Cowl Lower	1	Model B
15	1713	146-42206-10					Support Assy - Carburetor Air Inlet Duct	1	Model B
16	1719-10	146-44062					Seal Assy - Engine Cowl Propeller Air	1	Model B
17		NAS221-9					Screw - Phillips Recess Brazier Head 10-32	1	Model B
18	1715-10	145-31503-7					Grill Assy - Engine Cooling Opening LH	1	Model B
	1716-10	145-31503-8					Grill Assy - Engine Cooling Opening RH	1	Model B
19		AN520-10R8					Screw - Round Head Machine (Fine Thread)	4	
20	1720-20	143-31901-700 SA10					Mount Assy - Engine (Includes Door But Less Cowl Flaps)	1	Model B
	1720-30	143-31901-400					Mount Assy - Engine (Includes Door But Less Cowl Flaps)	1	*
21		AN5-7A					Bolt - Aircraft 5/16-24	2	
22		AN5-10A					Bolt - Aircraft 5/16-24	2	
23		AN960-516					Washer - Plain	10	
24		AN365-524					Nut - Self Locking	4	
25	8404	781-10-6					Screw - Button Head	4	
26	8405	781-10-7					Screw - Button Head	2	
27		AN365-1032					Nut - Self Locking	6	
28	1721	145-31926-6					Bracket - Cowl Fastener Forward	2	
29	1722	145-31926-7					Bracket - Cowl Fastener Center	2	
30	1723	145-31926-8					Bracket - Cowl Fastener Rear	2	
31		AN3-7A					Bolt - Aircraft 10-32	2	
32		AN960-10					Washer - Plain	2	
33		AN960-416					Washer - Plain	4	
34		AN365-1032					Nut - Self Locking	2	
35		NAS204-10					Screw	1	
36	8471	2W1-11-16-63					Washer - Plain	1	
37		AN365-832					Nut - Self Locking	1	
38	9357	36-425					Spring	1	
39	1725-10	143-31901-17					Frame - Engine Mount Sta. 19	1	
40	1726	143-31901-100 SA 1					Frame Assy - Engine Mount Sta. 21 LH (Incl Doubler)	1	
	1727	143-31901-100 SA 2					Frame Assy - Engine Mount Sta. 21 RH (Incl Doubler)	1	
41	1728	143-31901-7					Frame - Engine Mount Sta. 30 LH	1	
	1729	143-31901-8					Frame - Engine Mount Sta. 30 RH	1	
42	1724	143-31901-19					Frame - Engine Mount Sta. 40.5 Lower	1	
43	1742	146-42206-56					Bracket - Carburetor Air Inlet Duct Support LH	1	Model B
	1743	146-42206-57					Bracket - Carburetor Air Inlet Duct Support RH	1	Model B
44	1730	143-31901-700 SA 3					Channel Assy - Engine Mount Lower LH (Incl Fitting)	1	
	1731	143-31901-700 SA 4					Channel Assy - Engine Mount Lower RH (Incl Fitting)	1	
45	1740	143-31901 SA 9					Channel Assy - Engine Mount Upper LH (Incl Fitting)	1	
	1741	143-31901 SA 10					Channel Assy - Engine Mount Upper RH (Incl Fitting)	1	
46	1744	143-31901-65					Fitting - Engine Mount Rear LH	1	Model B
	1745	143-31901-66					Fitting - Engine Mount Rear RH	1	Model B
47	1732-20	143-31901-95 SA 1					Skin Assy - Engine Mount LH	1	Model B
	1732-30	143-31901-75 SA 1					Skin Assy - Engine Mount LH	1	
	1733-20	143-31901-76 SA 1					Skin Assy - Engine Mount RH	1	2000 & Subs
48	1734	143-31901 SA 17					Skin Assy - Engine Mount Lower	1	
49	1735	143-31901-28					Door - Engine Mount	1	
50		AN960-8					Washer - Plain	8	
51		AN515-8R8					Screw - Round Head Machine (Coarse Thread)	8	
52	1746	146-31512-1					Hinge Assy - Cowl Flap Outboard LH	1	2000 & Subs
	1747	146-31512-2					Hinge Assy - Cowl Flap Outboard RH	1	2000 & Subs
53	1748	146-31513-1					Hinge Assy - Cowl Flap Inboard LH	1	2000 & Subs
	1749	146-31513-2					Hinge Assy - Cowl Flap Inboard RH	1	2000 & Subs
54		NAS221-10					Screw - Phillips Recess Brazier Head 10-32	3	
55		AN365-1032					Nut - Self Locking	3	
56	1736-20	143-31901-700 SA 1					Support Assy - Engine Mount Front	1	Model B
57	1750	143-31901-67					Channel - Engine Mount Front Support	1	Model B
58	1751	143-31901-69					Bracket - Engine Mount Front Support LH	1	Model B
59	1752	143-31901-70					Bracket - Engine Mount Front Support RH	1	Model B
60	1753	146-31511-1					Flap Assy - Engine Mount Cowl LH	1	2000 & Subs
	1754	146-31511-2					Flap Assy - Engine Mount Cowl RH	1	2000 & Subs
61		AN3-6					Bolt - Aircraft 10-32	2	
62		AN310-3					Nut - Aircraft Castle	2	
63		AN380-2-2					Pin - Cotter	2	
64	1755	146-31511-7					Hinge Assy - Engine Mount Cowl Flap Outboard	1	2000 & Subs
65	1756	146-31511-9					Hinge Assy - Engine Mount Cowl Flap Inboard	1	2000 & Subs
66		NAS221-10					Screw - Phillips Recess Brazier Head 10-32	2	
67		AN960-D10					Washer - Plain	2	
68		AN365-1032					Nut - Self Locking	2	
69	1705	145-31501-17					Rod - Cowl Up Support	2	

*NOTE: Not Used On Model B